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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(attach as necessary)

(use as many sheets as necessary)

Sheet

3

of

2

U.S. PATENT DOCUMENTS

Complete if Known

Application Number	10/081,120
Filing Date	02/22/2002
First Named Inventor	James W. Forbes
Art Unit	Unknown
Examiner Name	
Attorney Docket Number	5699-11-CON

PTO/SB/08A (10-01)
1/2002. OMB 0651-0031
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Examiner
Signature

Date
Considered

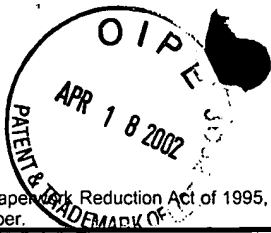
3/3/03

Date	Considered	3/27/2018
Examiner Signature	<i>Franz Jiles</i>	

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			Application Number	10/081,120
			Filing Date	02/22/2002
			First Named Inventor	James W. Forbes
			Art Unit	3617
			Examiner Name	Jules, F.
			Attorney Docket Number	5699-11-CON

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
FR	AA	US- 1,535,799	04/28/1925	W.S. Adams	
	AB	US- 1,608,665	04/11/1926	Pehrson	
	AC	US- 1,713,898	05/21/1929	G.G. Gilpin	
	AD	US- 1,735,617	11/12/1929	K.F. Nystrom	
	AE	US- 1,754,111	04/08/1930	E. Latshaw	
	AF	US- 2,132,002	10/04/1938	W.B. Dean	
	AG	US- 2,155,615	04/25/1939	C.DE L. Rice	
	AH	US- 2,517,811	08/08/1950	G.P. Torburn	
	AI	US- 2,580,326	12/25/1951	O.M. Stevens	
	AJ	US- 2,580,326	12/25/1951	O.M. Stevens	
	AK	US- 2,865,306	12/23/1958	G.E. Brock et al	
	AL	US- 3,173,382	03/16/1965	J.L. Ryan	
	AM	US- 3,290,058	12/06/1966	C.L. Ellerd	
	AN	US- 3,323,472	06/06/1967	A.M. Boone et al	
	AO	US- 3,678,863	07/25/1972	Pringle	
	AP	US- 3,871,276	03/18/1975	Allen	
	AQ	US- 3,995,563	12/07/1976	Blunden	
	AR	US- 4,089,538	05/16/1978	Eastridge	
	AS	US- 4,128,062	04/12/1978	Roberts	
	AT	US- 4,191,107	03/04/1980	Ferris et al	

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FOREIGN PATENT DOCUMENTS						
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		Country Code ³	Number ⁴ - Kind Code ⁵ (if known)			
FR	DA	EP	0 264 731	04/27/1988	Chamberlain Group	
	DB	EP	347,334	04/12/1989	Durand	
	DC	EP	494323 A	04/07/1992	Ferrosud	
	DD	JP	58-39558	03/08/1983		
	DE	JP	63-279966	11/17/1988		
	DF	IT	324559	02/06/1935		
	DG	AT	245610	03/10/1966		
	DF	DE	473036	02/21/1929		
	DG	DE	2318369	10/31/1974		
	DH	DE	664933	08/25/1938		

Examiner Signature	Frantz Jules	Date Considered	6/6/03
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